

FIG. 1 PRIOR ART

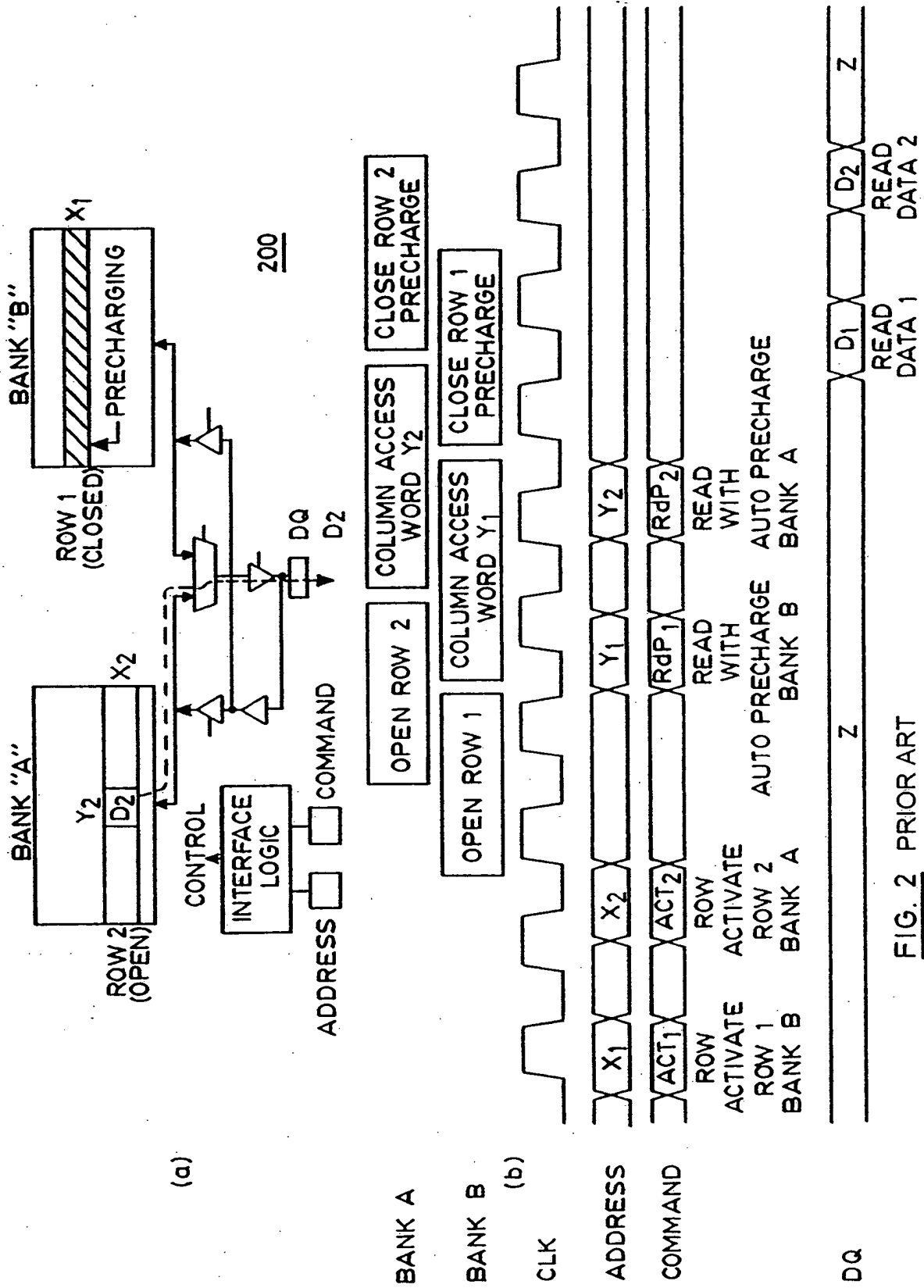


FIG. 2 PRIOR ART

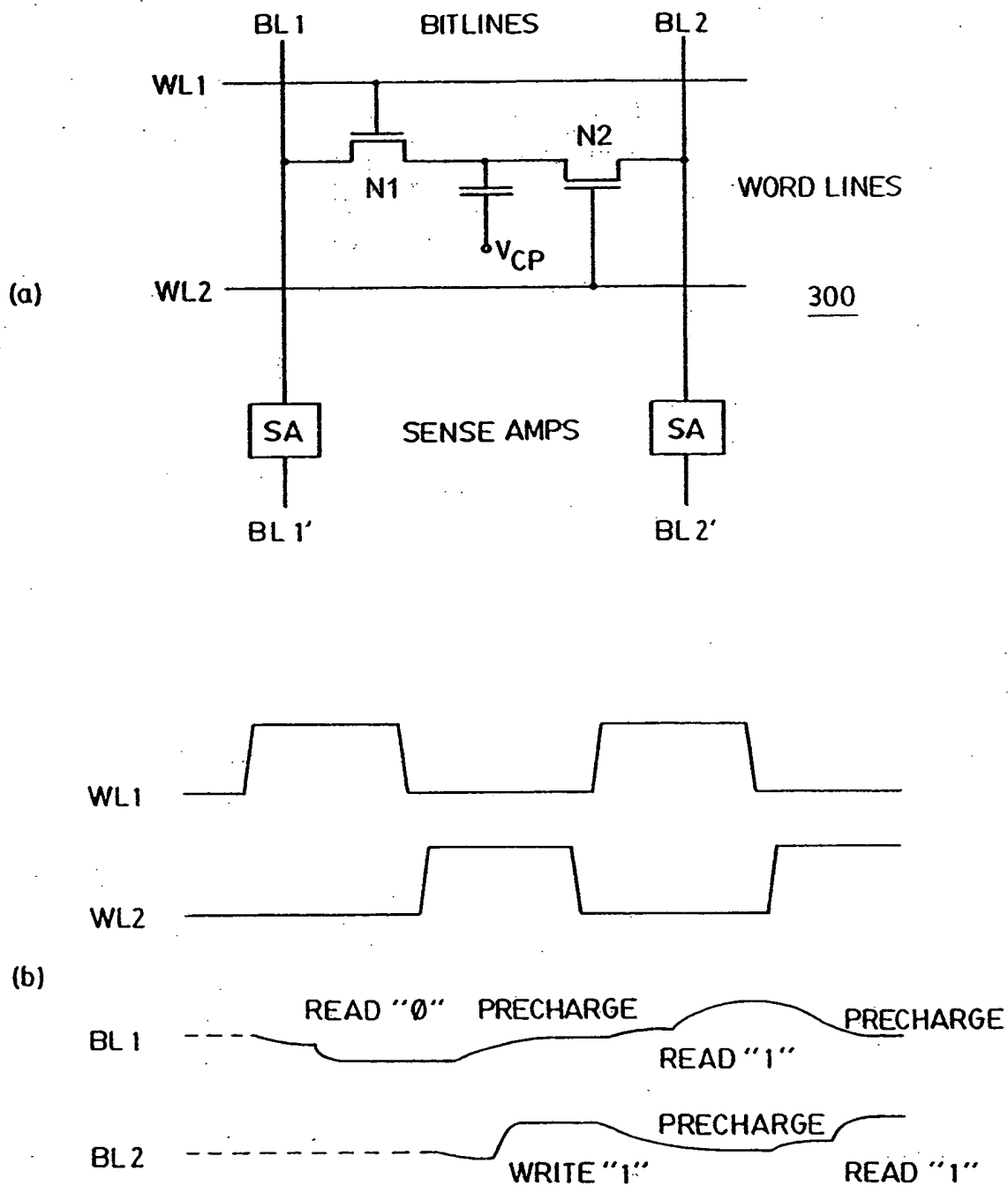
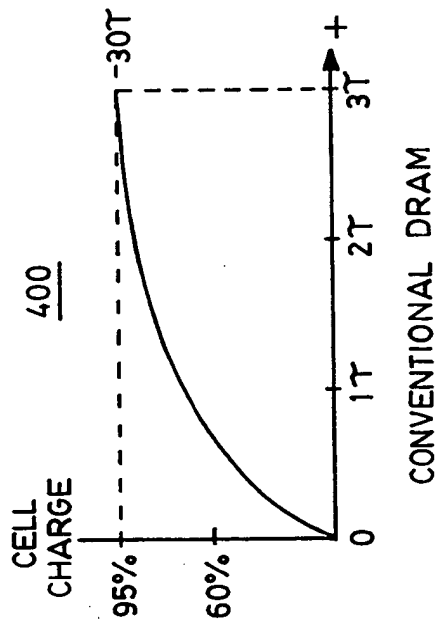


FIG. 3 PRIOR ART

(a)



(b)

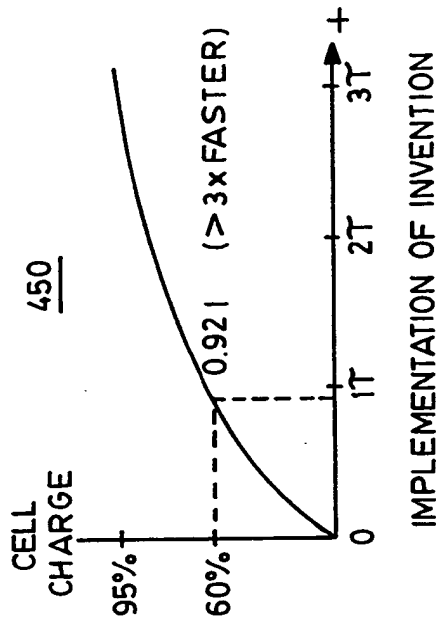


FIG. 4

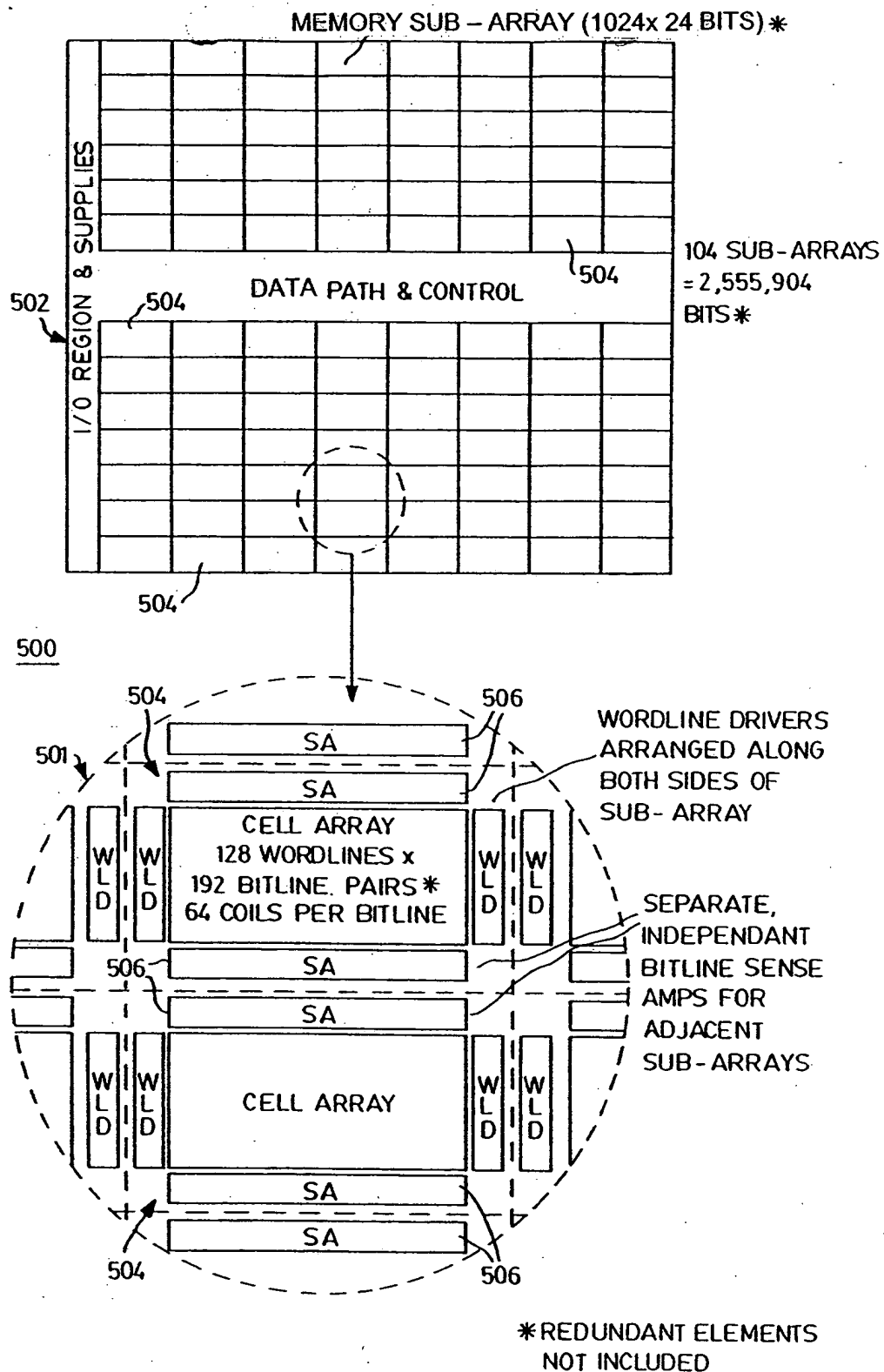


FIG. 5

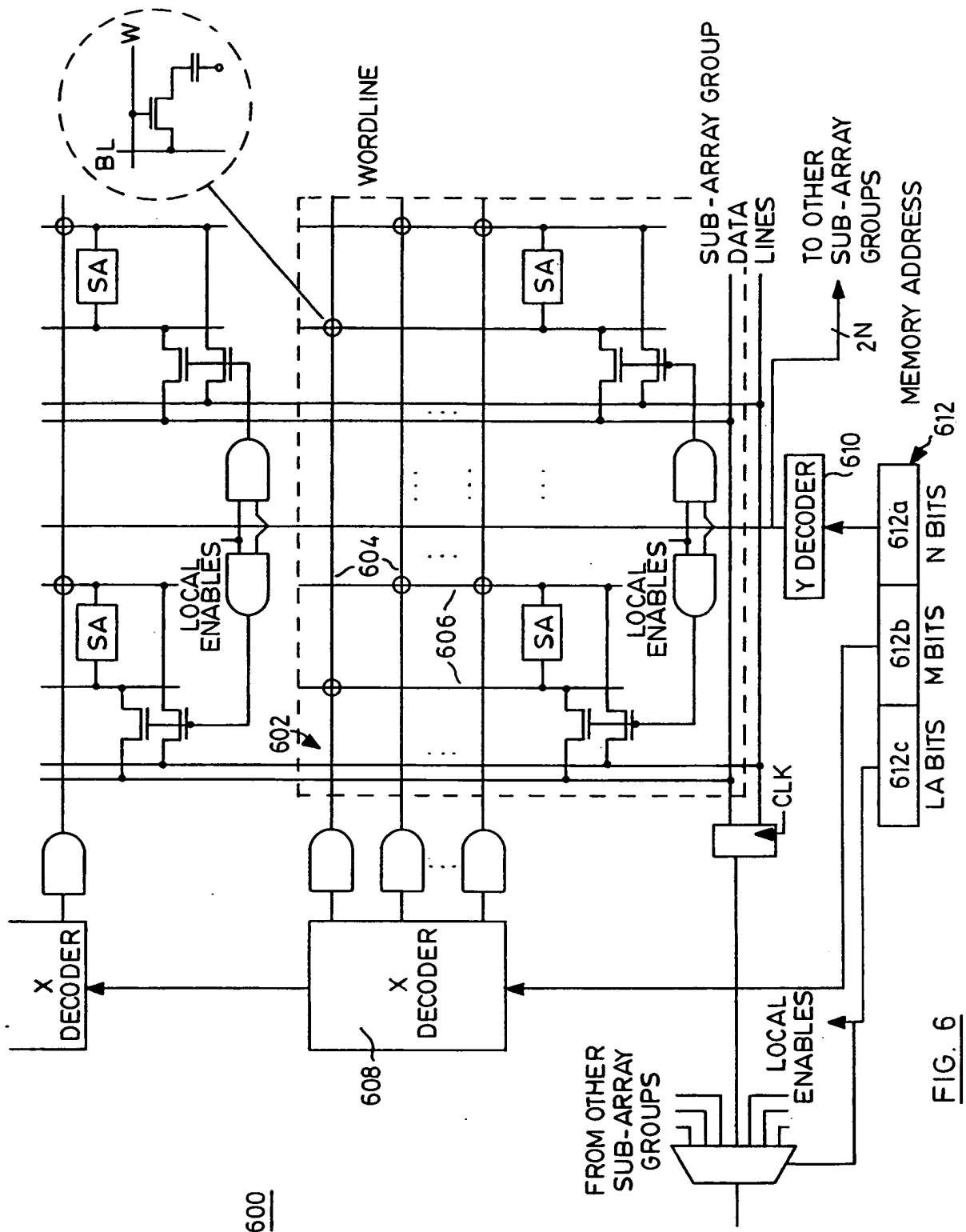


FIG. 6

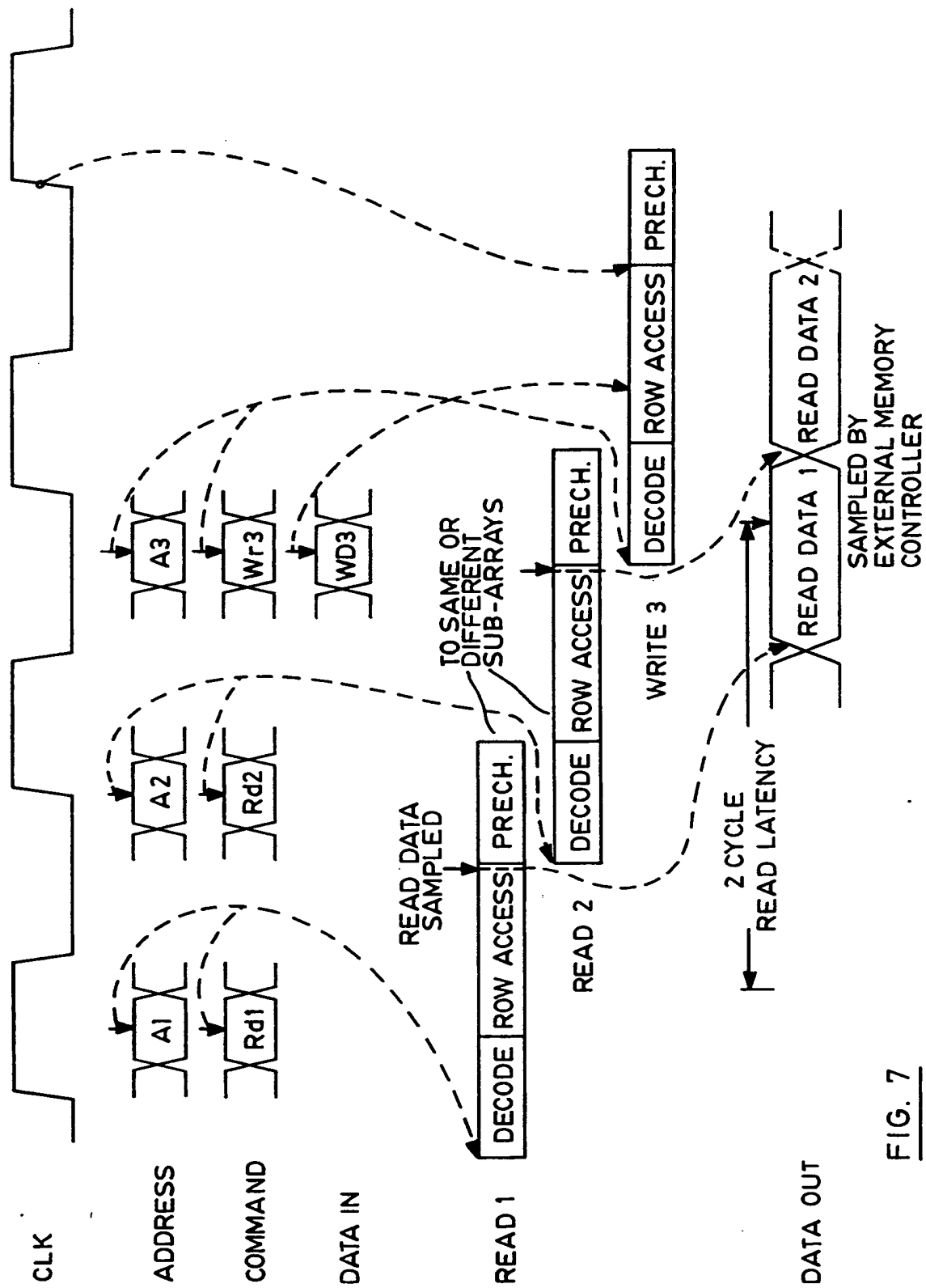
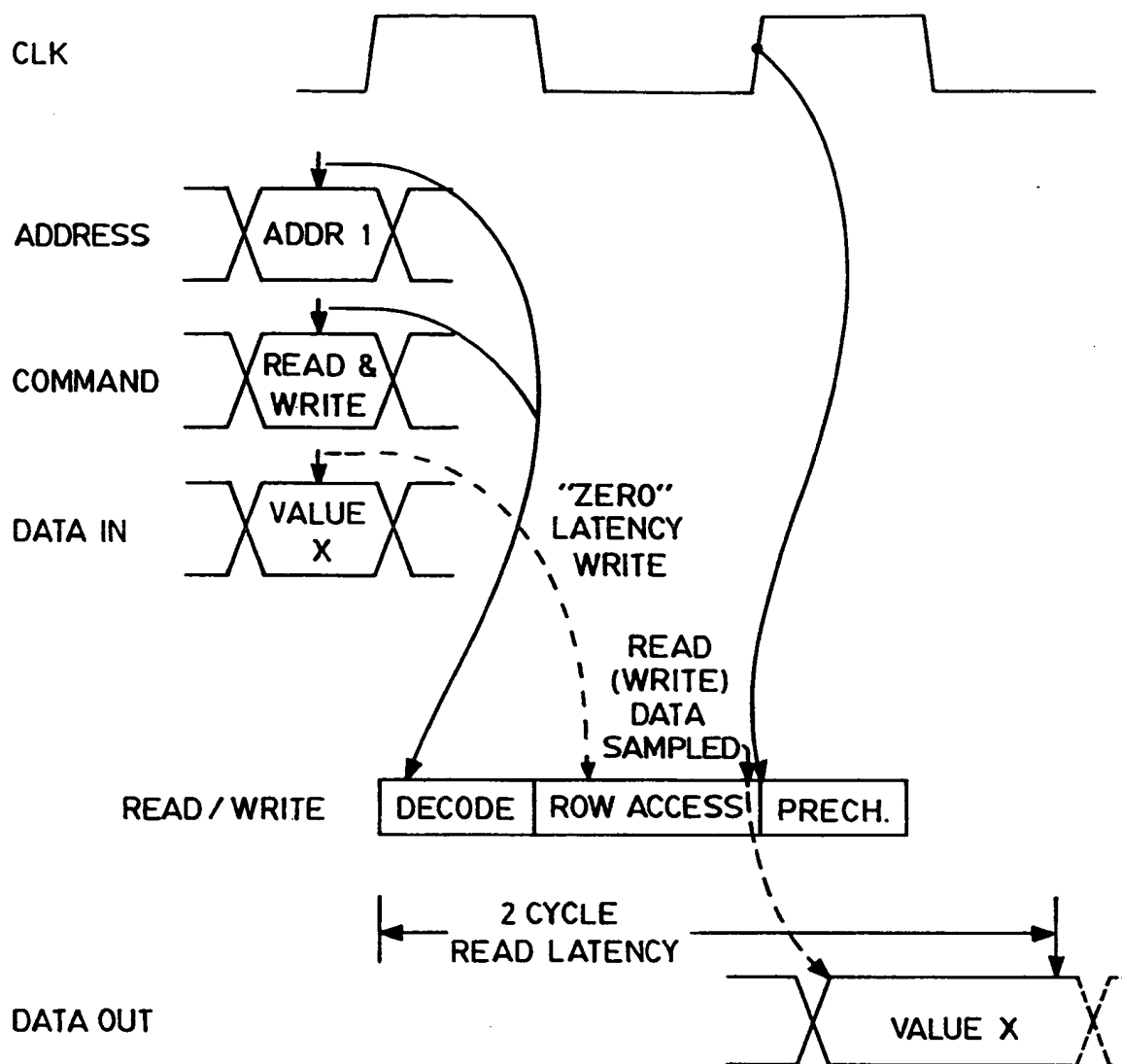


FIG. 7



800

FIG. 8

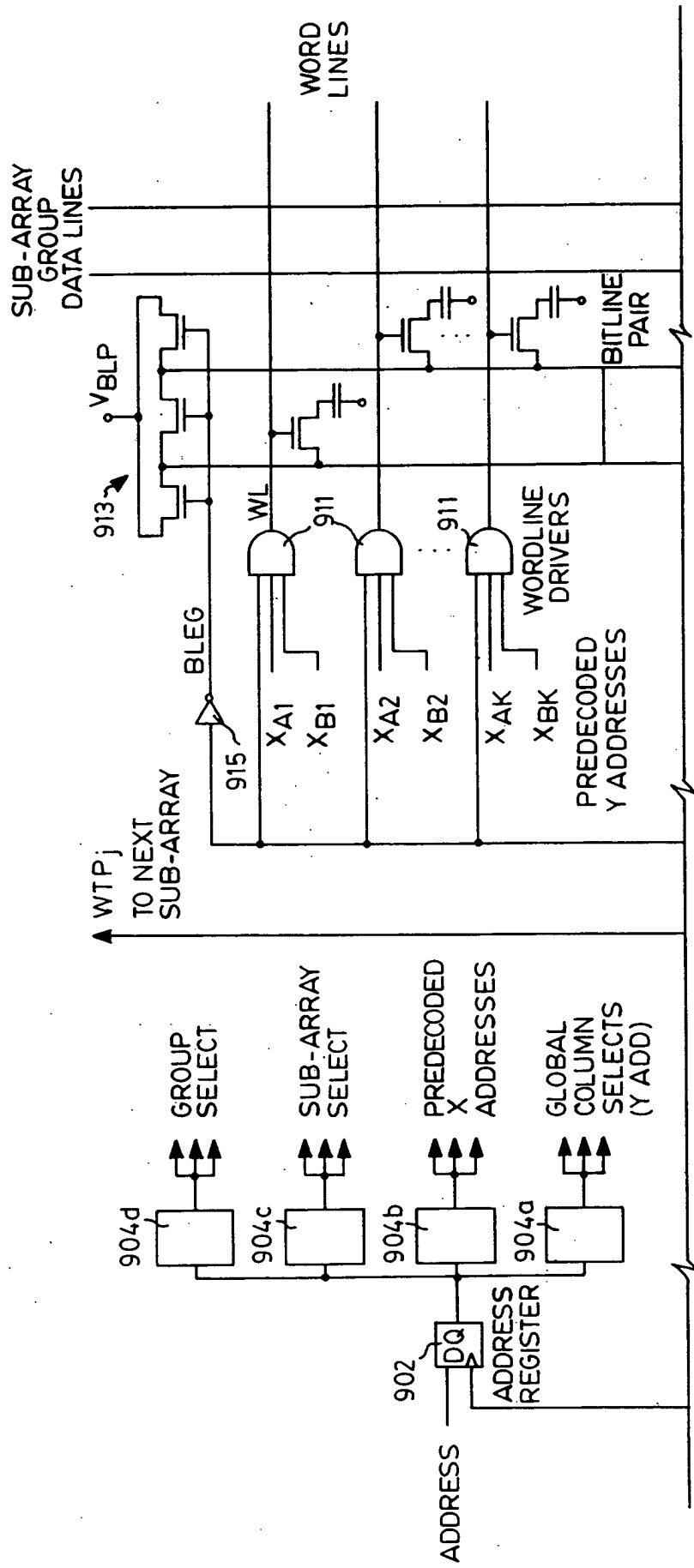
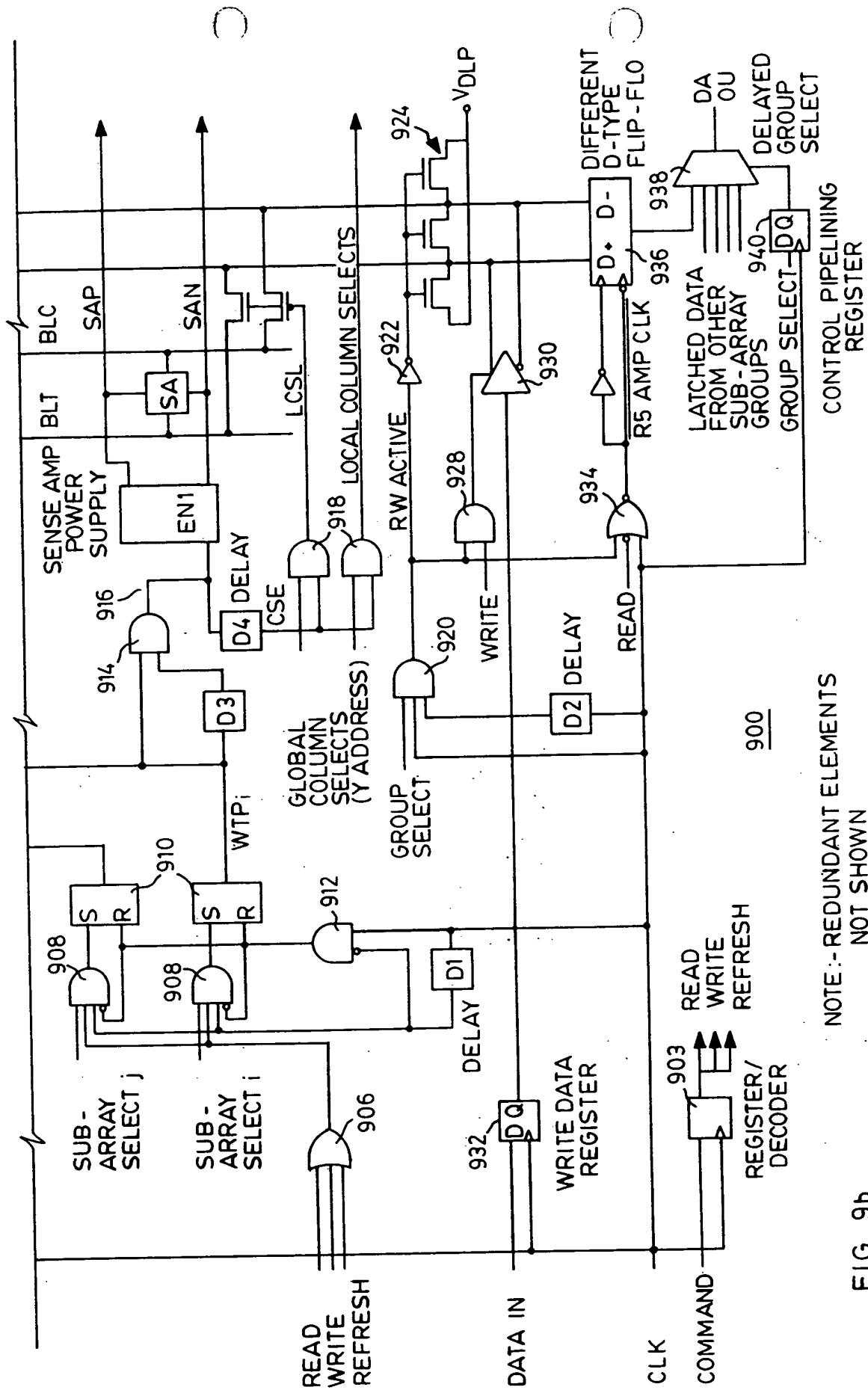


FIG. 9a



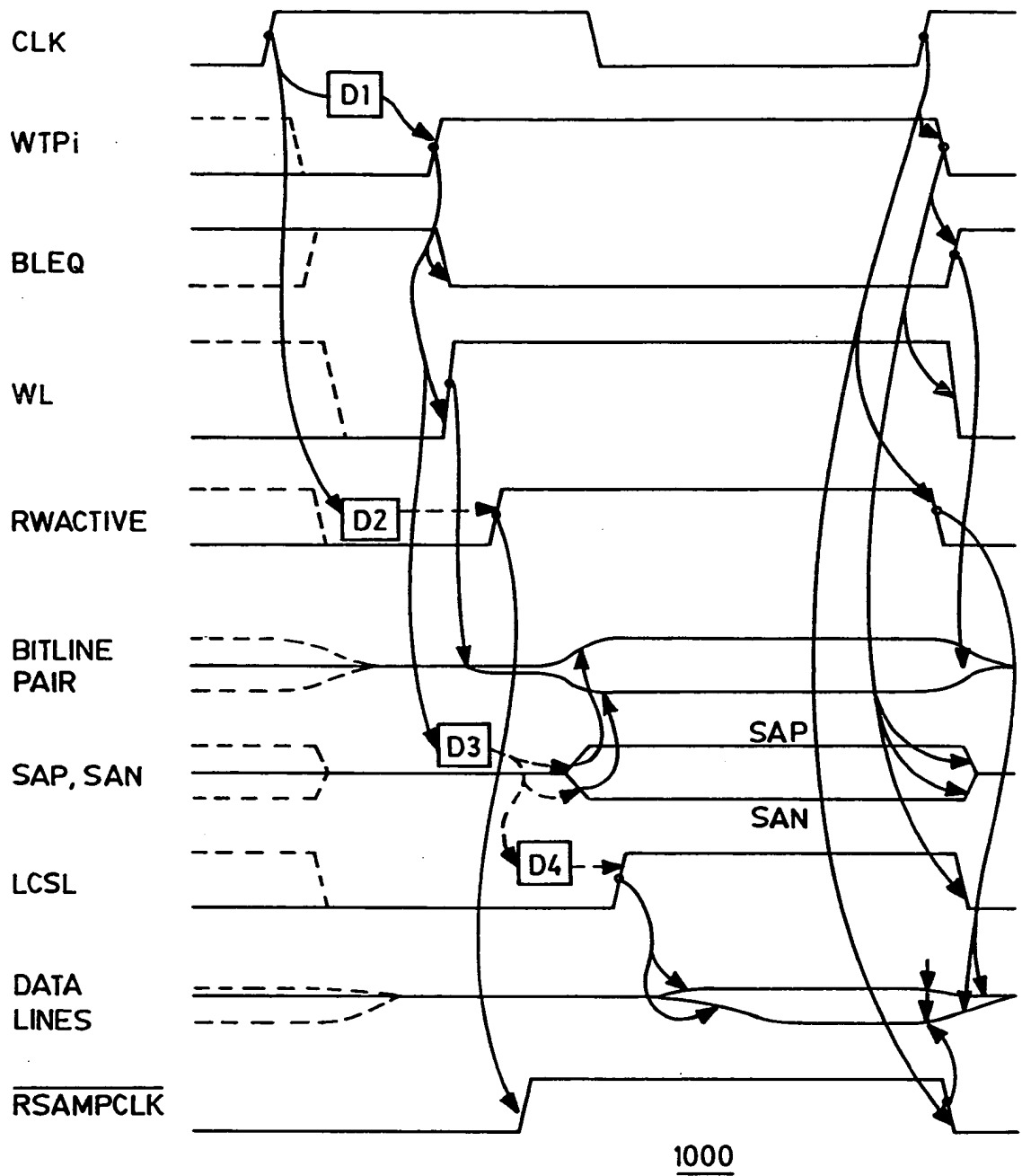


FIG. 10a

CLK

RACCLK
(DELAYED CLK)

R

CASE 1

SELECTED, ACTIVE
SUB-ARRAY i
(ARRAY SELECT i = 1
AND
(READ = 1 OR
WRITE = 1 OR
REFRESH = 1))

S

WTP_i

CASE 2

UNSELECTED, INACTIVE
SUB-ARRAY i
(ARRAY SELECT i = 0
OR
(READ = 0 AND
WRITE = 0 AND
REFRESH = 0))

S

WTP_i

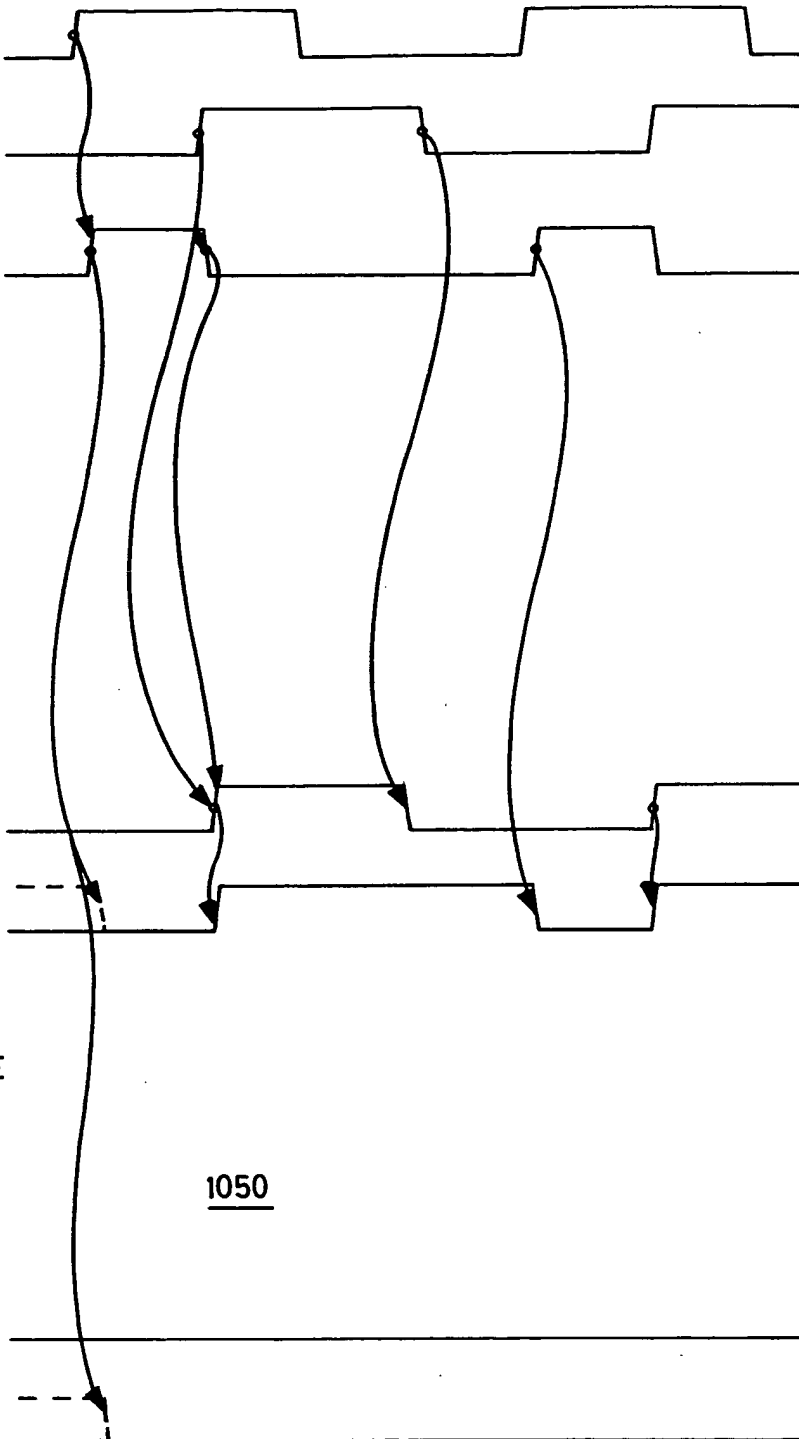


FIG. 10b

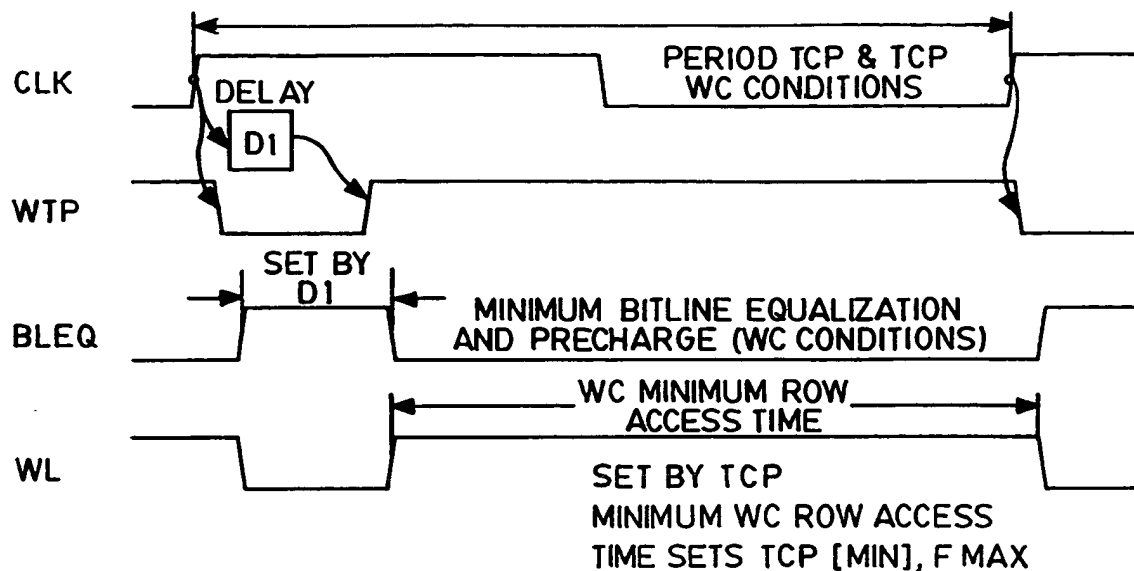


FIG. 11a

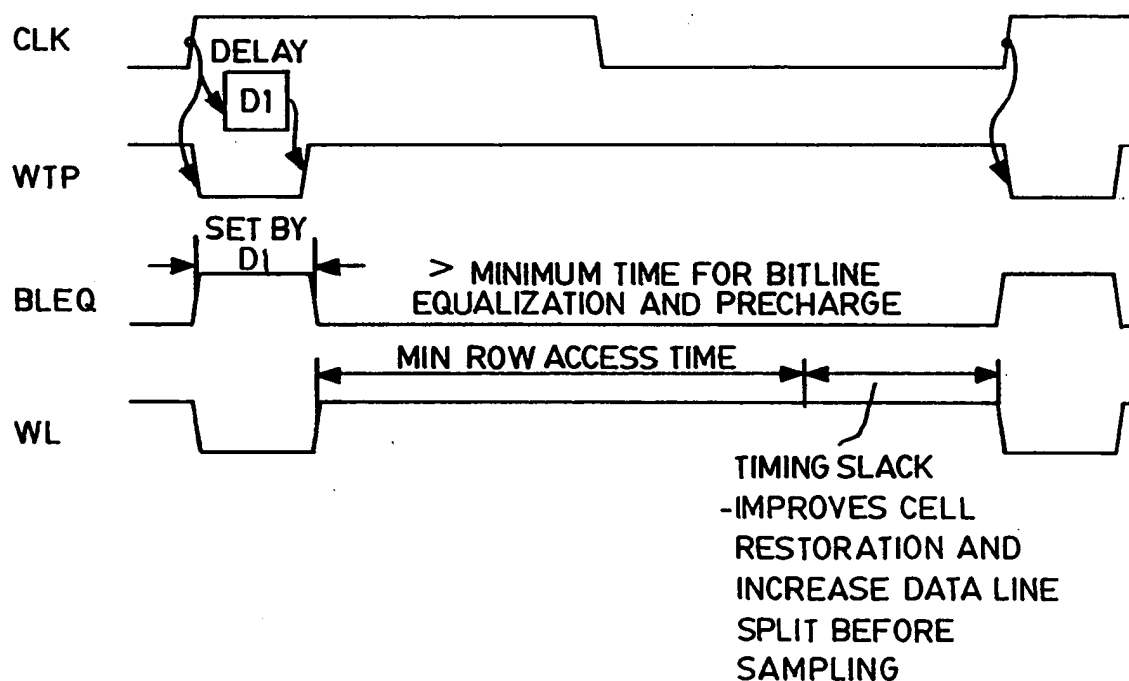


FIG. 11b

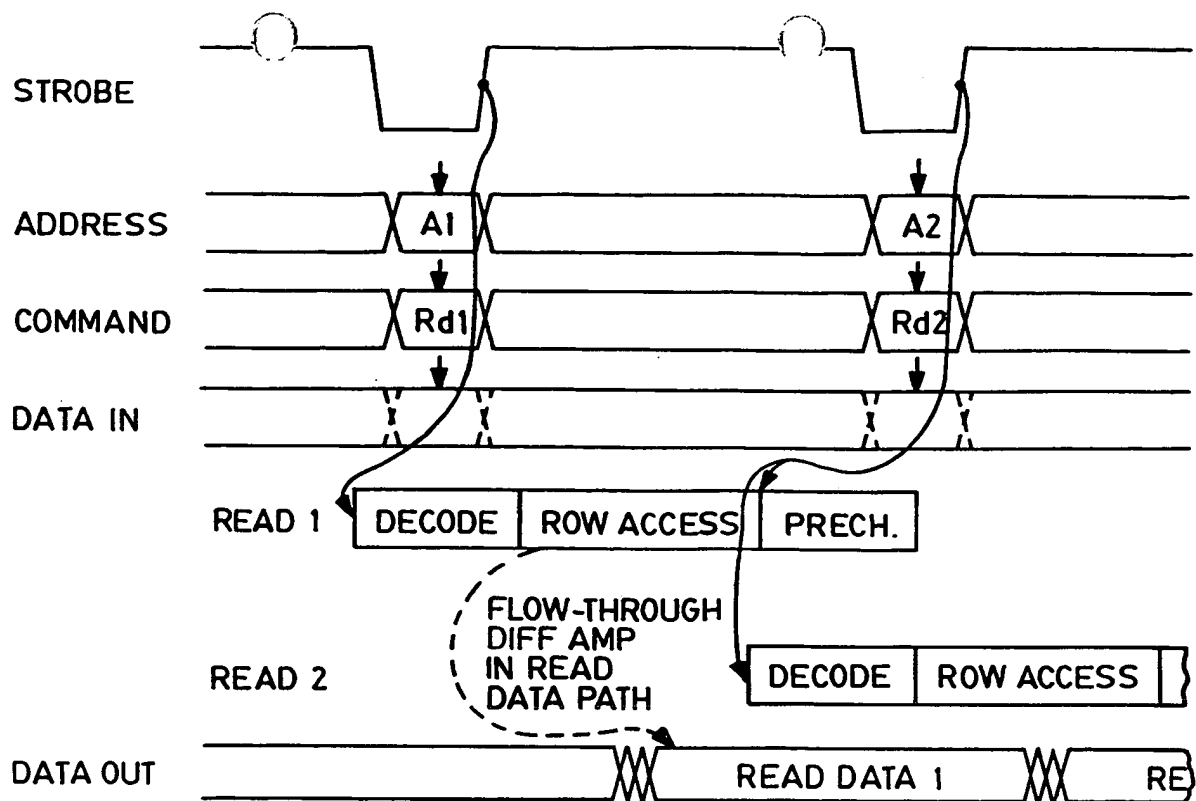


FIG. 12a

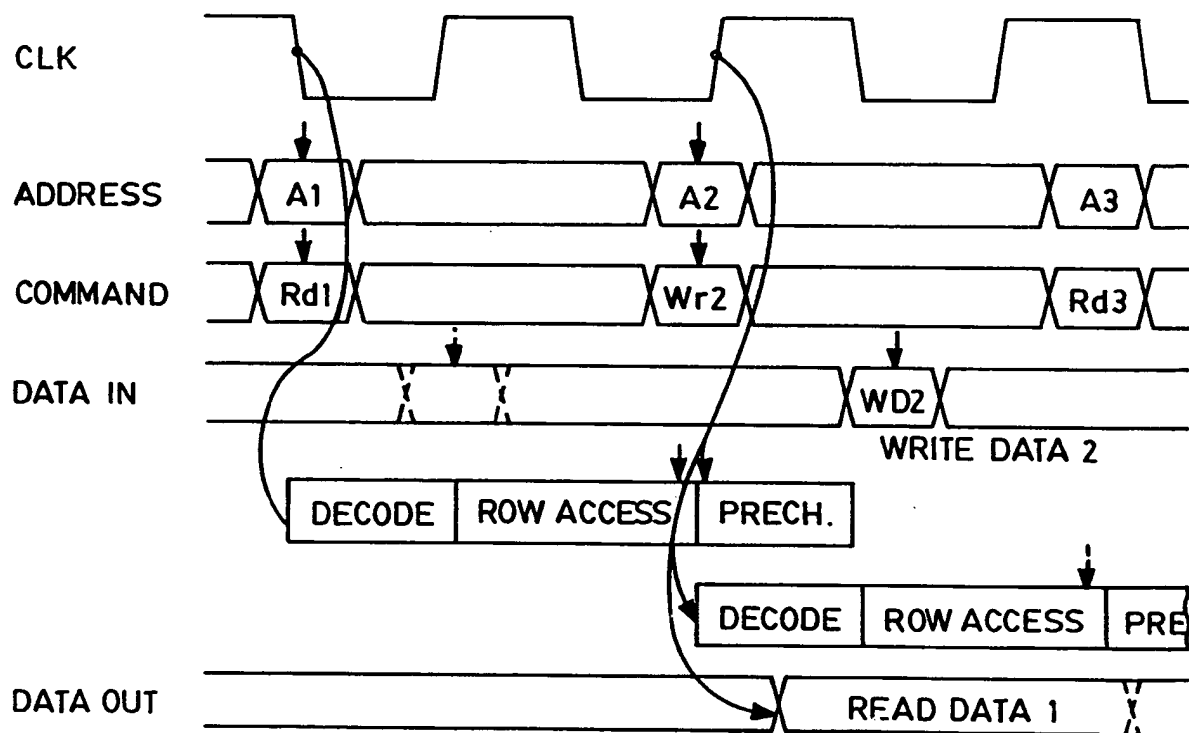


FIG. 12b

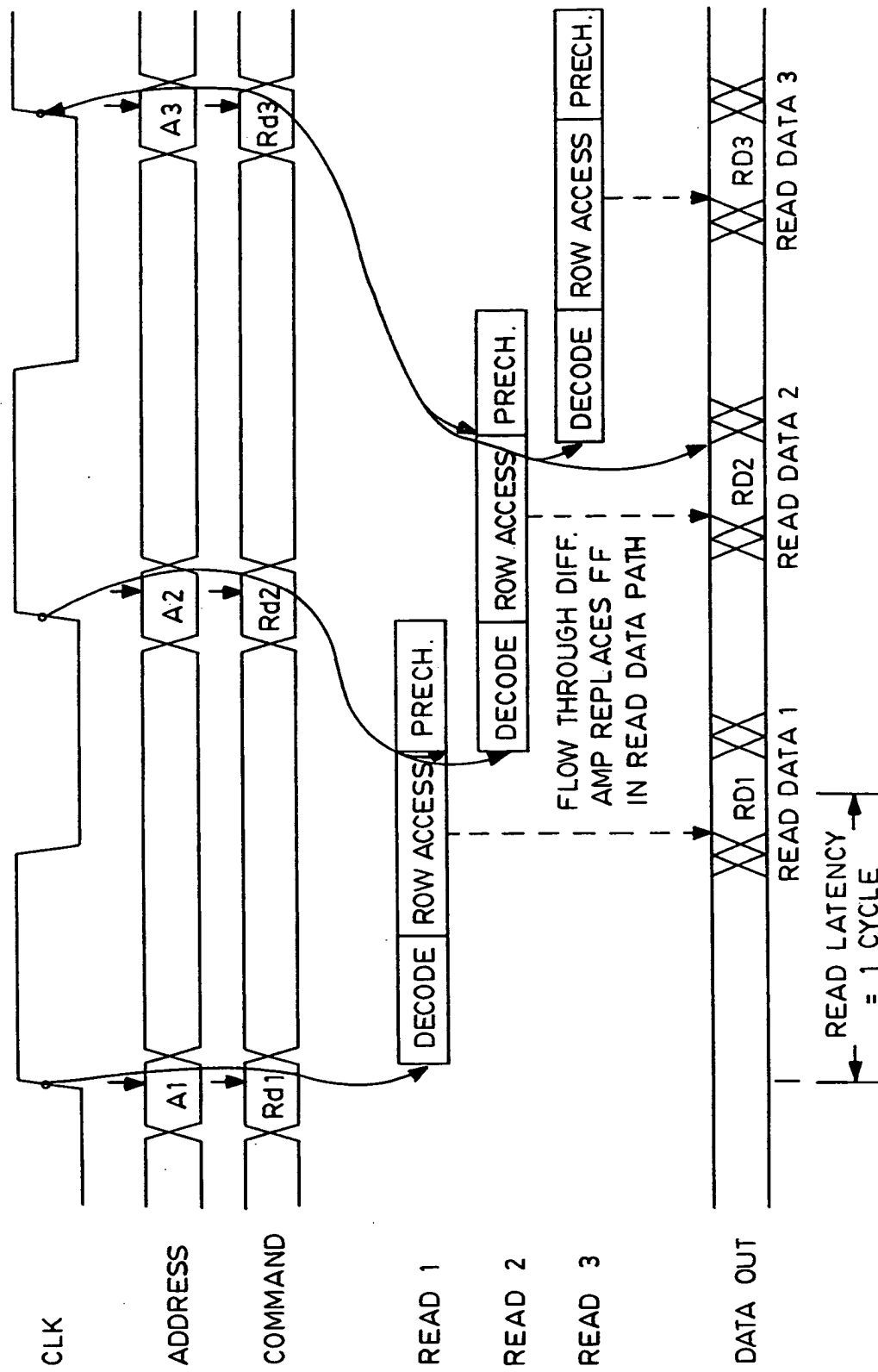


FIG. 13a

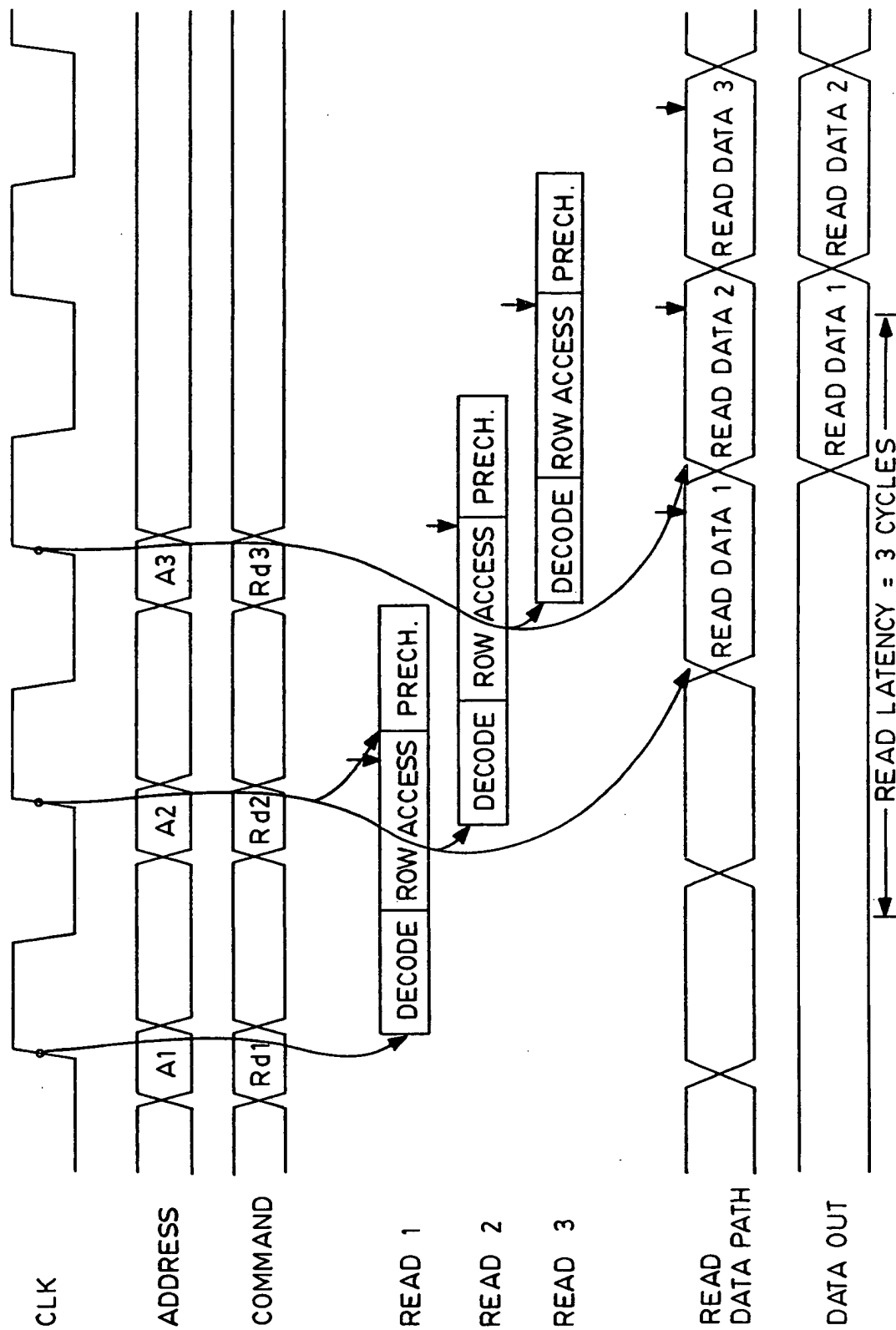


FIG. 13b